

LISTING OF CLAIMS

Claims 1-18 are pending and are rejected. By this Amendment, claims 6 and 8 are cancelled without prejudice or disclaimer. Claims 1, 2 and 9 are amended and new claims 19 and 20 are added.

1. (Currently Amended) An eye fundus examination apparatus comprising:

- 31 (1) image pickup means for picking up an eye fundus image of an eye to be examined;
- (2) display means for displaying the eye fundus image picked up by said image pickup means;
- (3) data display means for displaying a measurement data on said display means together with the eye fundus image;
- (4) measurement means for performing predetermined measurement with respect to a predetermined position of the eye to be examined; and
- (4) (5) control means for controlling a measurement state of said measurement means,
- wherein said control means changes a display state of the eye fundus image and the measurement data displayed on said display means in accordance with the measurement state of said measurement means.

2. (Currently Amended) An eye fundus examination apparatus ~~according to claim 1,~~
~~further~~ comprising

- (1) image pickup means for picking up an eye fundus image of an eye to be examined;
- (2) display means for displaying the eye fundus image picked up by said image pickup means;

(3) data display means for displaying a measurement data on said display means together with the eye fundus image;

(4) control means for controlling a measurement state of said measurement means, and

(5) laser beam illumination means for performing the predetermined measurement with respect to a predetermined position of the eye fundus,

wherein ~~the~~ a display state of said display means is switched in accordance with ~~the~~ a laser beam illumination state of said illumination means.

3. (Original) An apparatus according to claim 1, wherein said control means changes a size of an eye fundus image displayed on said display means in accordance with the measurement state of said measurement means.

4. (Original) An apparatus according to claim 2, wherein said control means zooms an image displayed on said display means at the start of the laser beam illumination, and restores the image to the size before zooming at the end of the laser beam illumination.

5. (Original) An apparatus according to claim 1, further comprising
(1) instruction signal input means for inputting an instruction signal for a measurement state to said control means,
wherein the display state of said display means is changed in accordance with an instruction from said instruction signal input means.

6. (Canceled)

7. (Original) An apparatus according to claim 1, wherein said eye fundus examination apparatus is an eye fundus blood flowmeter.

8. (Canceled)

9. (Original) An eye fundus examination apparatus comprising:

(1) illumination means for illuminating an eye fundus of an eye to be examined;
(2) beam illumination means for illuminating the eye fundus with a beam;
(3) image pickup means for outputting an electrical image signal by picking up an eye fundus image illuminated by said illumination means and an illumination image illuminated by said beam illumination means;

(4) display means for displaying the eye fundus image and illumination beam image on the basis of the video signal;

(5) beam position detection means for detecting an illumination beam position;
and

(6) display information control means which can change at least one of a display position and display zooming ratio of an image displayed on said display means in accordance with a detection result obtained by said beam position detection means.

10. (Original) An apparatus according to claim 9, wherein when the display position or display zooming ratio is to be changed, the display position or display zooming ratio is changed such that the beam position is displayed in a display area where the image is displayed.

31 11. (Original) An apparatus according to claim 9, wherein when the display position or display zooming ratio is to be changed, the display position or display zooming ratio is changed such that the beam position is displayed in a substantially center of a display area where the image is displayed.

12. (Original) An apparatus according to claim 9, wherein control is performed to display a low-zooming-ratio display image when the beam position cannot be detected, and to display a high-zooming-ratio display image when the beam position can be detected.

13. (Original) An apparatus according to claim 11, wherein the display position or display zooming ratio is changed a predetermined time after detection of the beam position.

14. (Original) An apparatus according to claim 9, wherein both the eye fundus image and predetermined data can be displayed on said display means, and a method of displaying the eye fundus image and the predetermined data is changed when the beam position is detected.

15. (Original) An apparatus according to claim 9, further comprising instruction means for instructing to change at least one of a display position and display zooming ratio of an image displayed on said display means.

16. (Previously presented) An apparatus according to claim 2, wherein said control means changes the display state in accordance with the predetermined position.

17. (Previously presented) An apparatus according to claim 5, wherein said control means changes the display state in accordance with the predetermined position.

18. (Previously presented) An apparatus according to claim 6, wherein said control means changes the display state in accordance with the predetermined position..

19. (New) An apparatus according to claim 2, further comprising
(1) instruction signal input means for inputting an instruction signal for a measurement state to said control means,

B1 wherein the display state of said display means is changed in accordance with an instruction from said instruction signal input means.

20. (New) An apparatus according to claim 2, wherein said eye fundus examination apparatus is an eye fundus blood flowmeter.